

FIG. 1

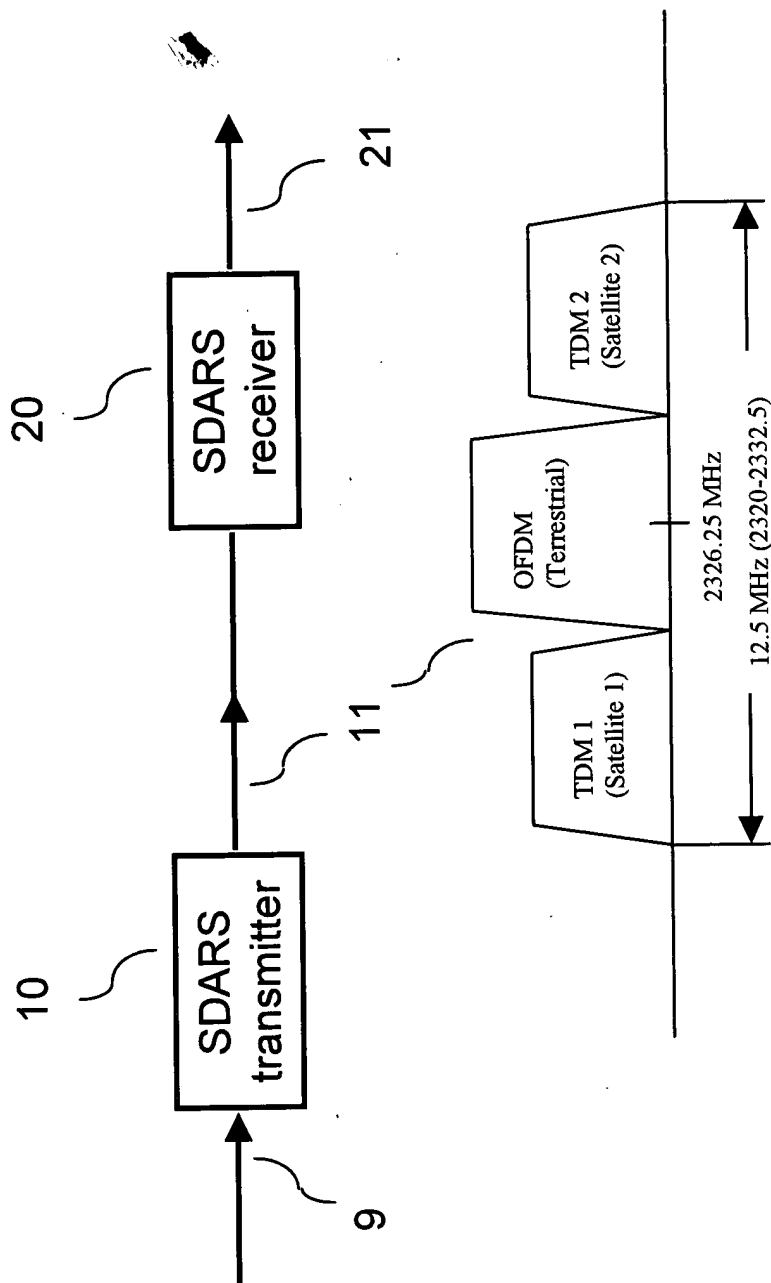


FIG. 2

Cluster Synchronization	Global Control	Multiple Clusters
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FIG. 3

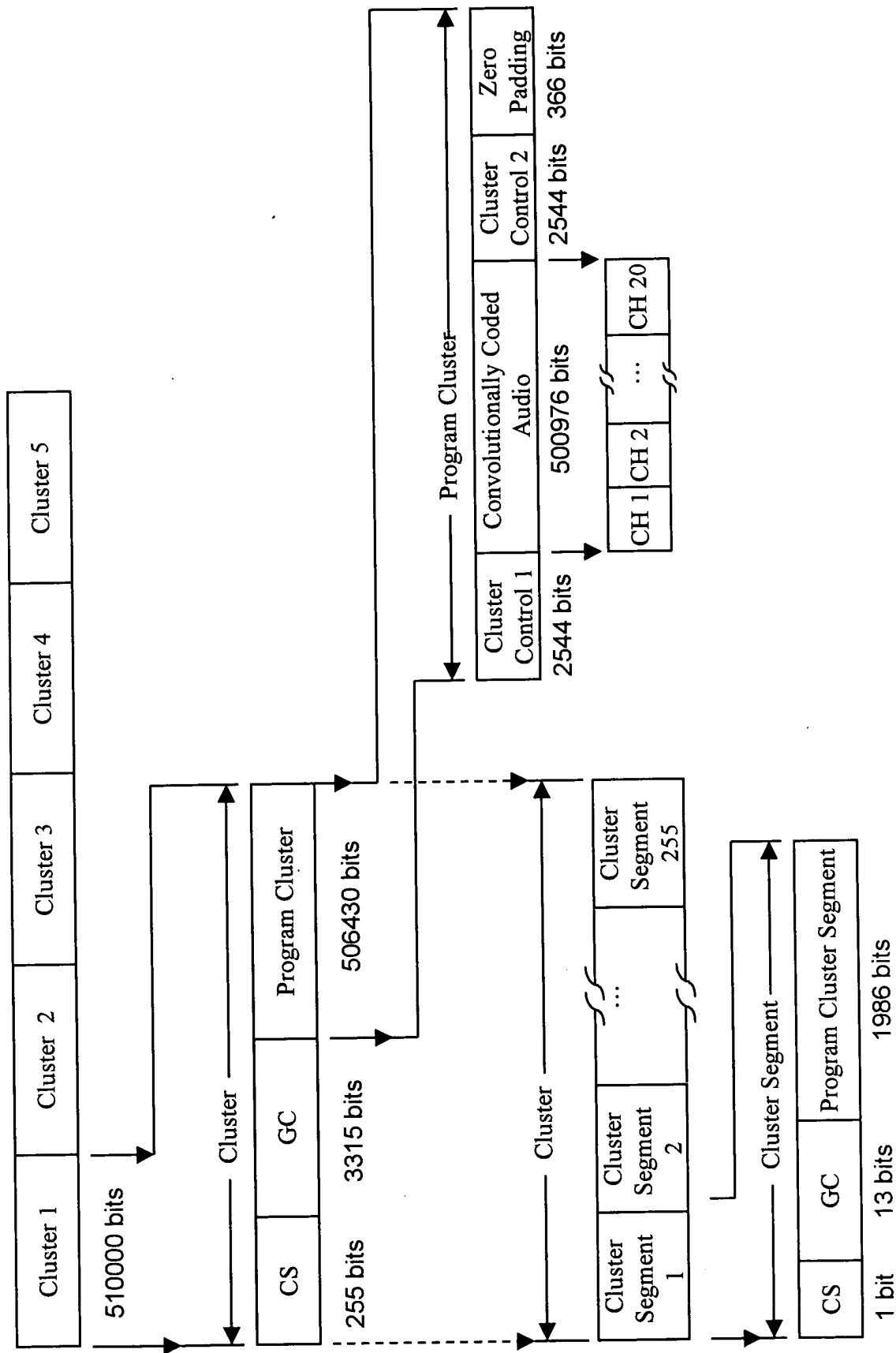


FIG. 4

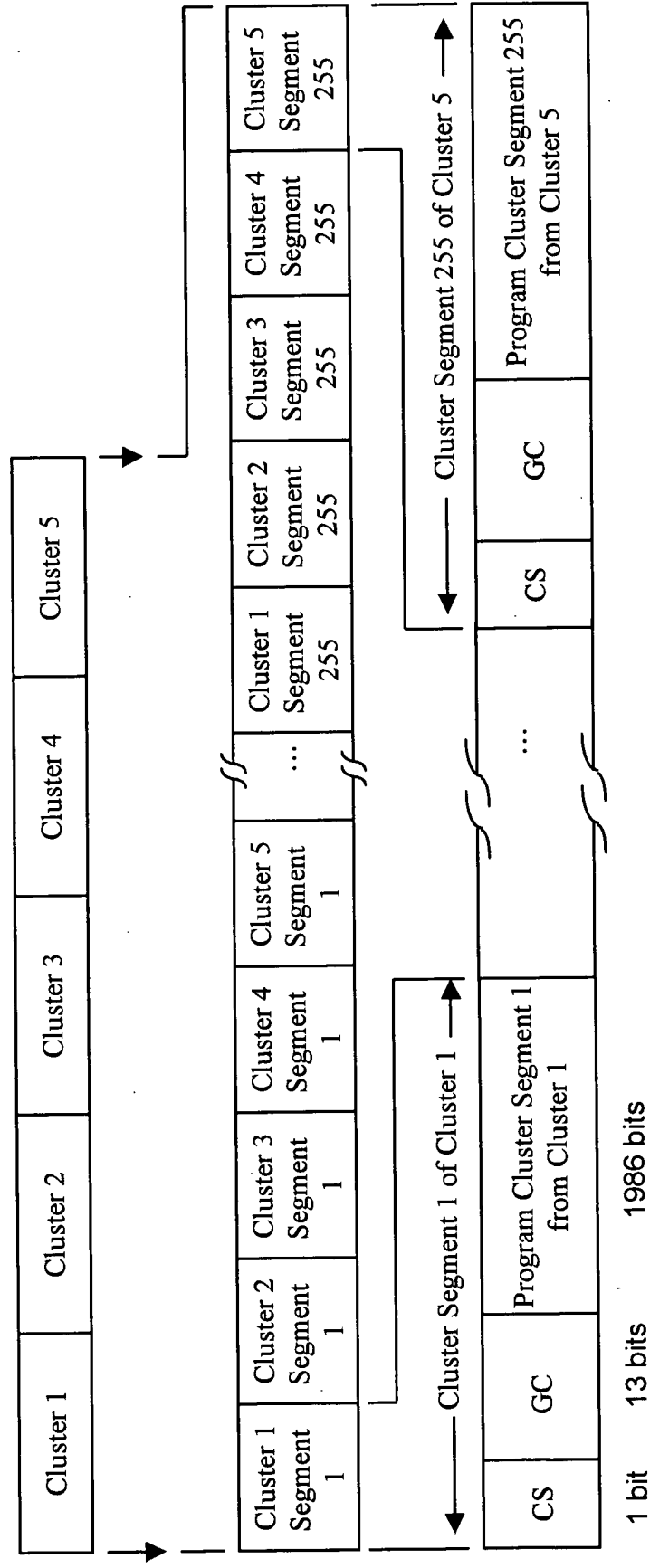


FIG. 5

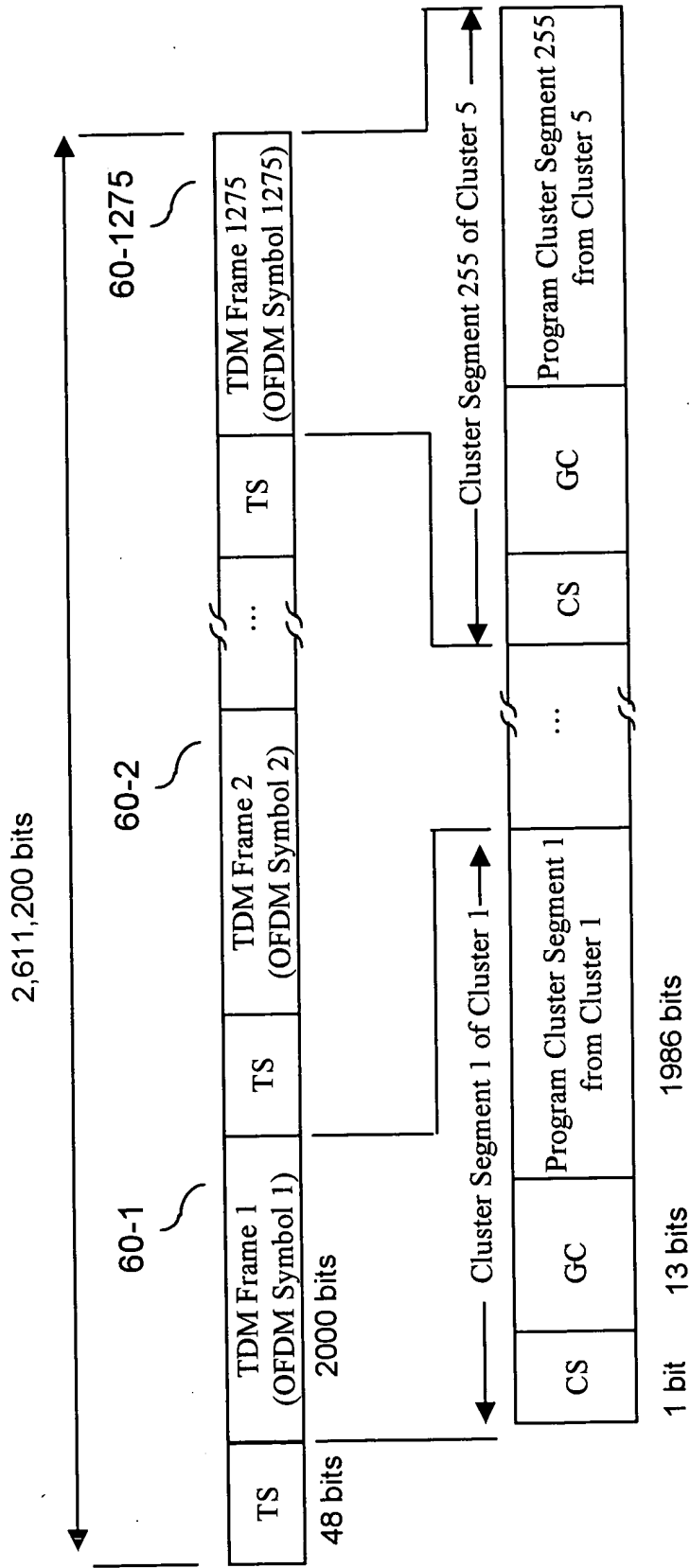
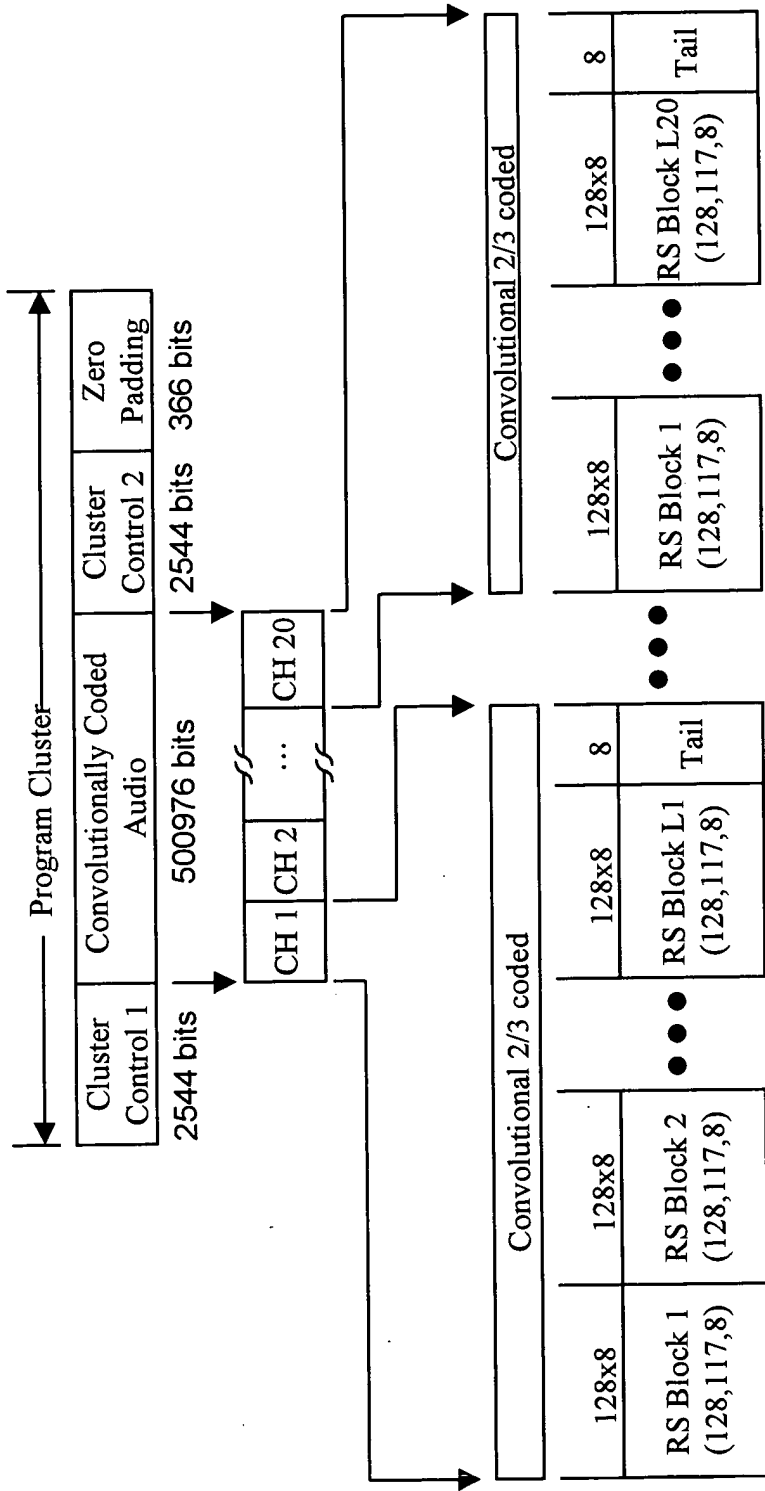


FIG. 6



$$L1 + L2 + L3 + \dots + L20 = 326 \text{ RS Blocks/Program Cluster,}$$

where, L_i = Number of RS blocks for Channel i , $1 \leq i \leq 20$

the number of RS blocks per channel, L_i , is a random variable, each RS word comprises 8 bits, concatenated with a 2/3 convolutional encoder, for each channel, there is a tail comprising 8 bits,

FIG. 7

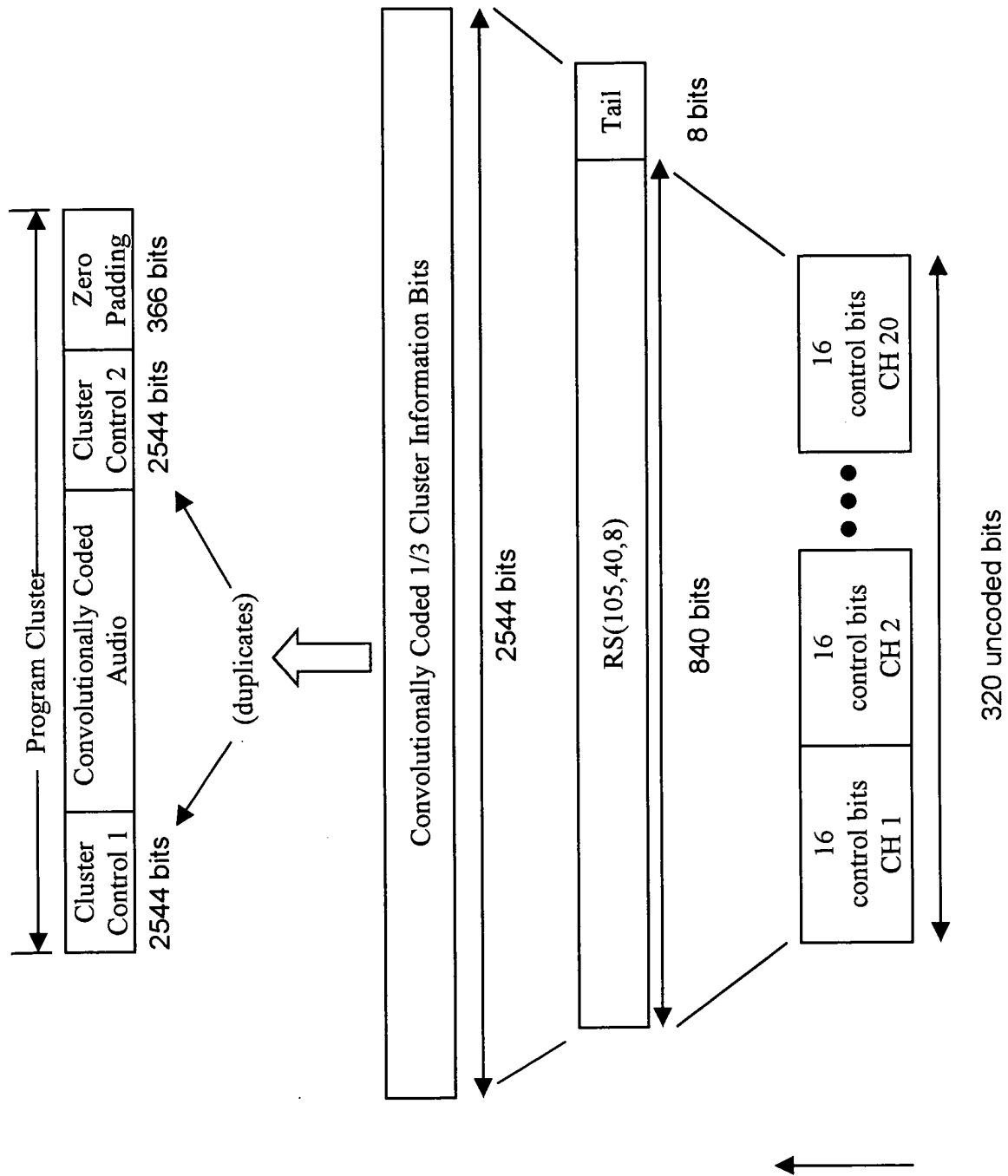


FIG. 8

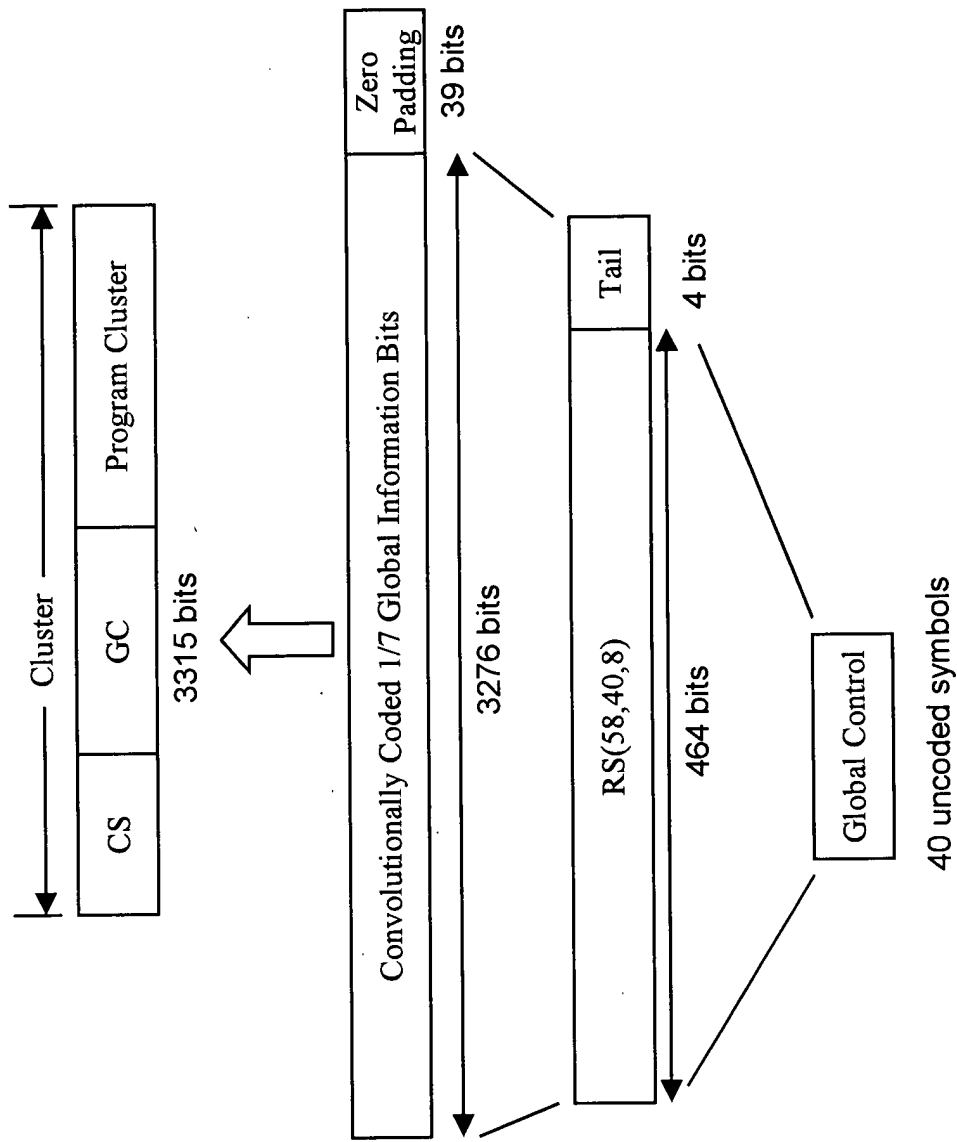


FIG. 9

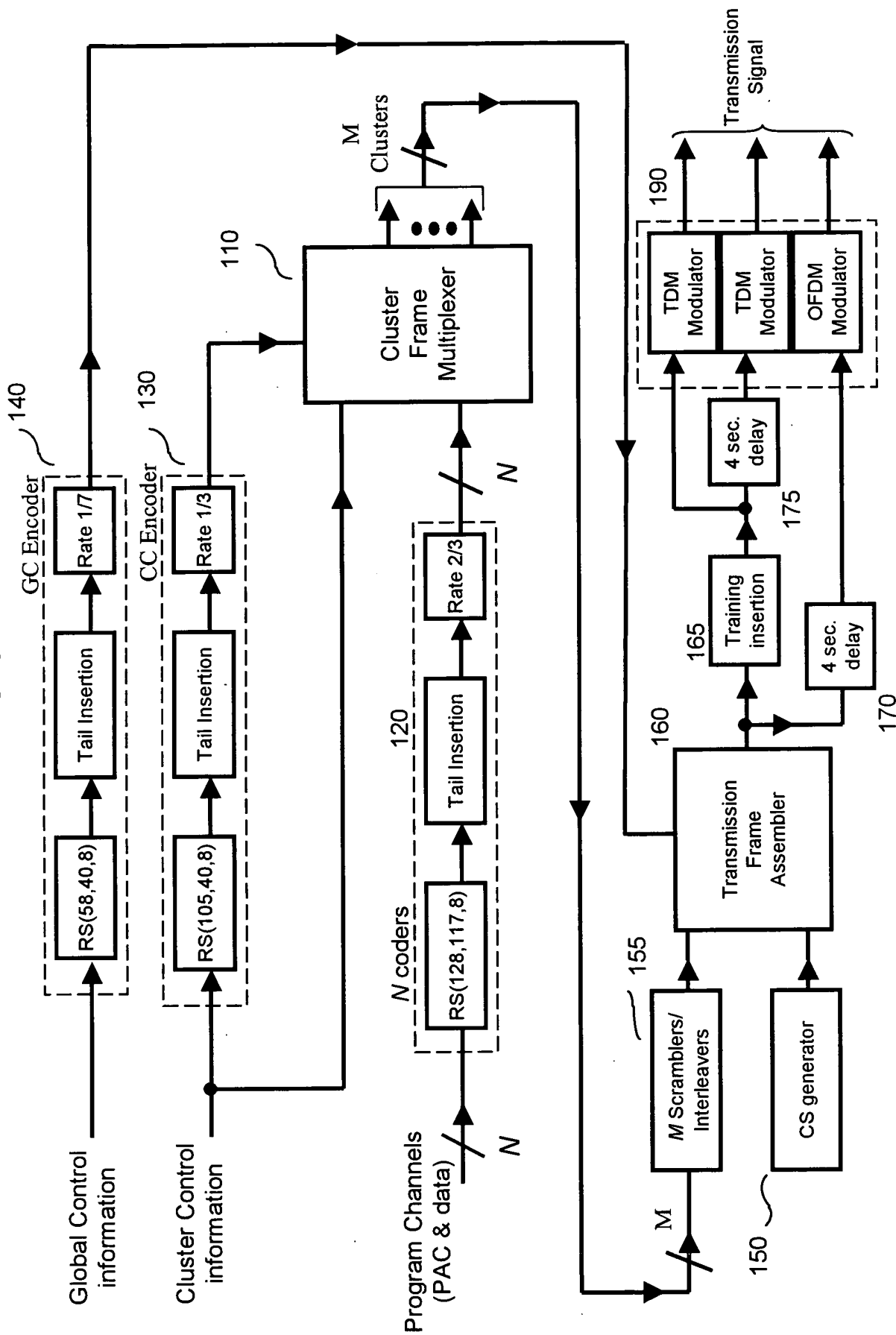


FIG. 10

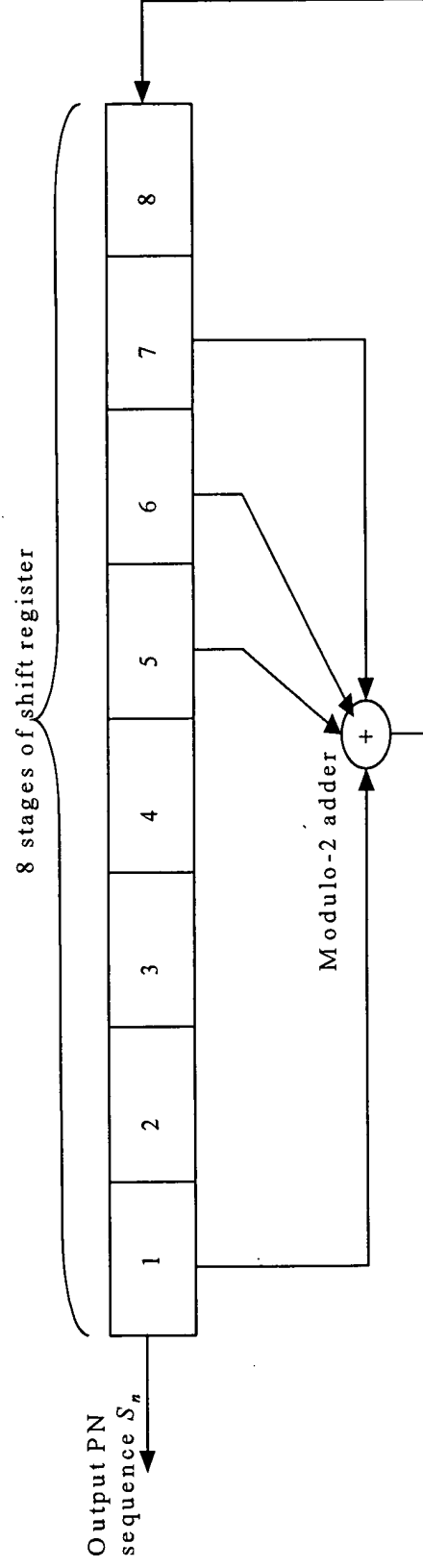


FIG. 11

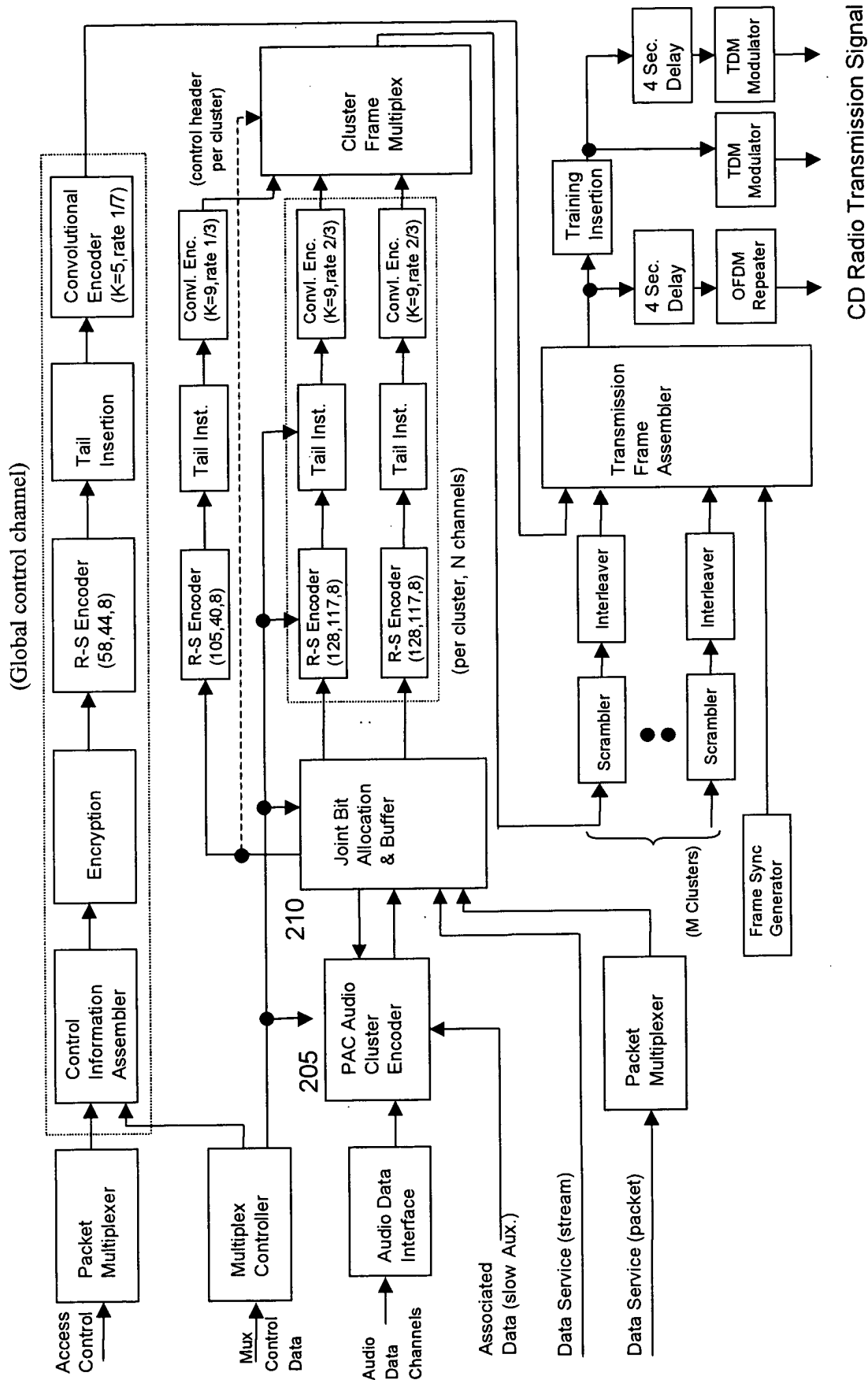


FIG. 12

300

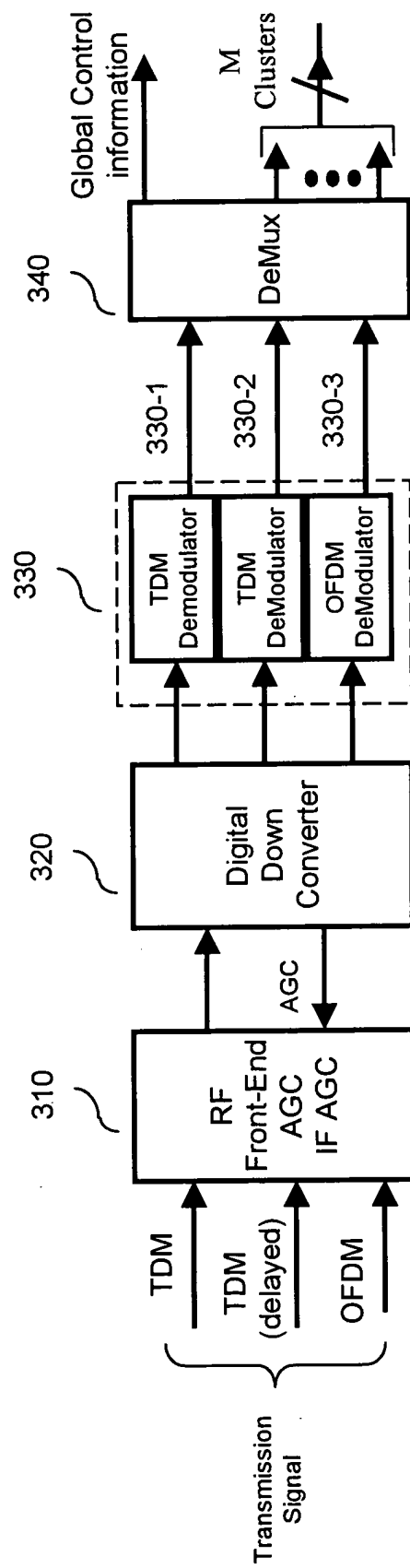


FIG. 13

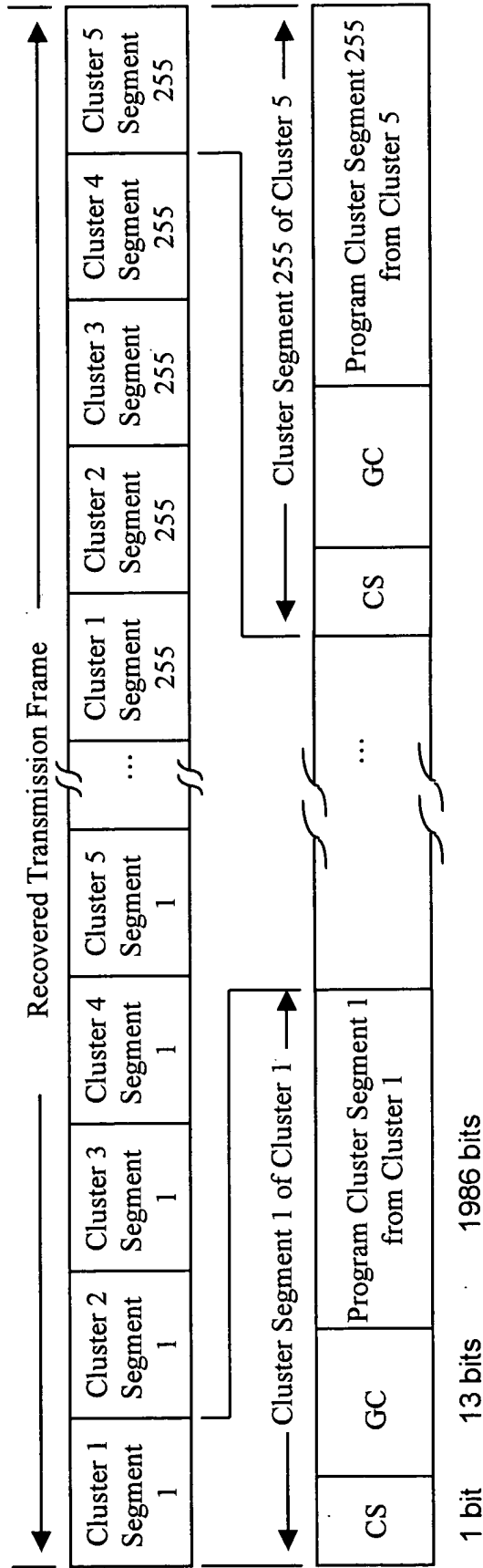


FIG. 14

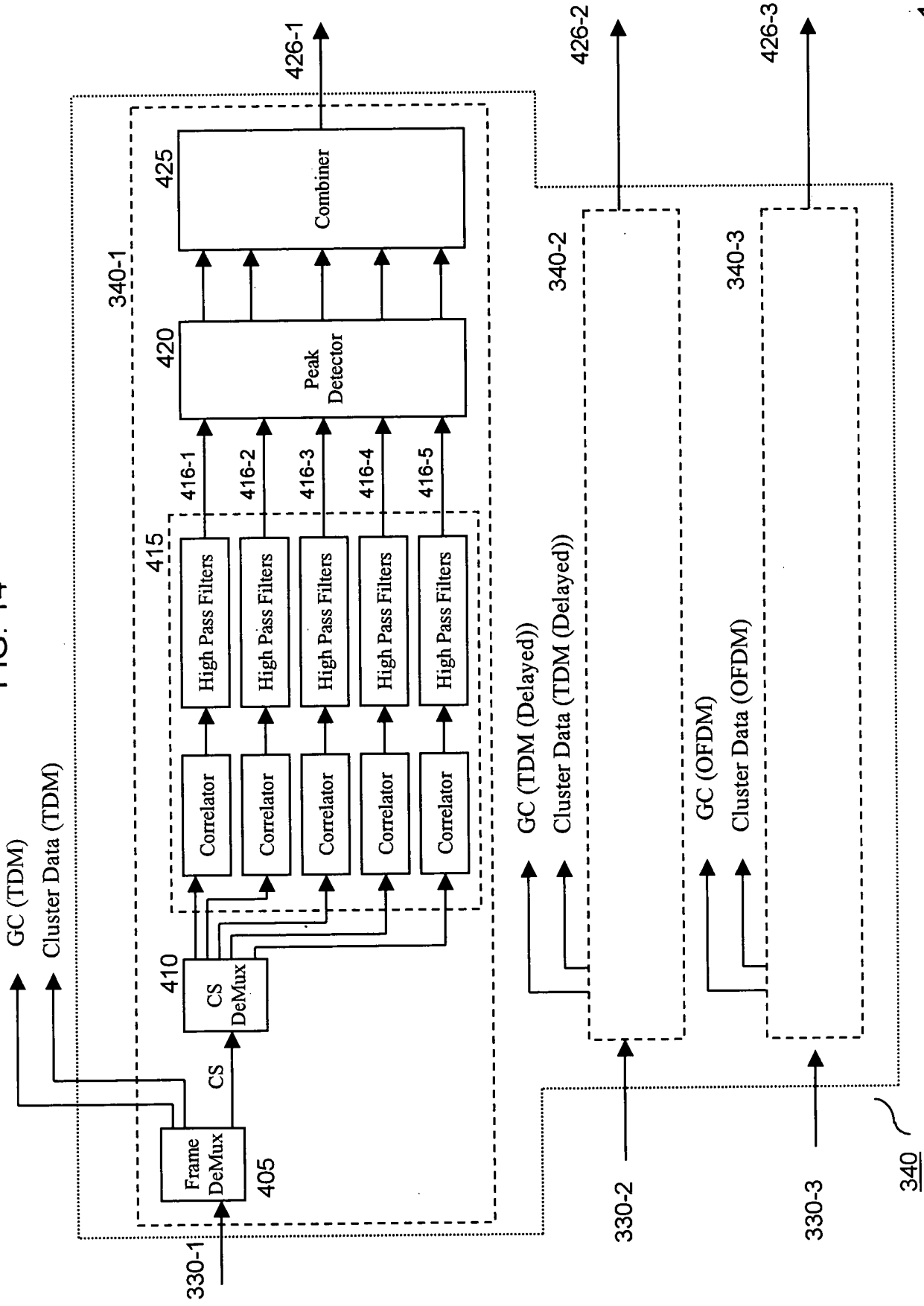


FIG. 15

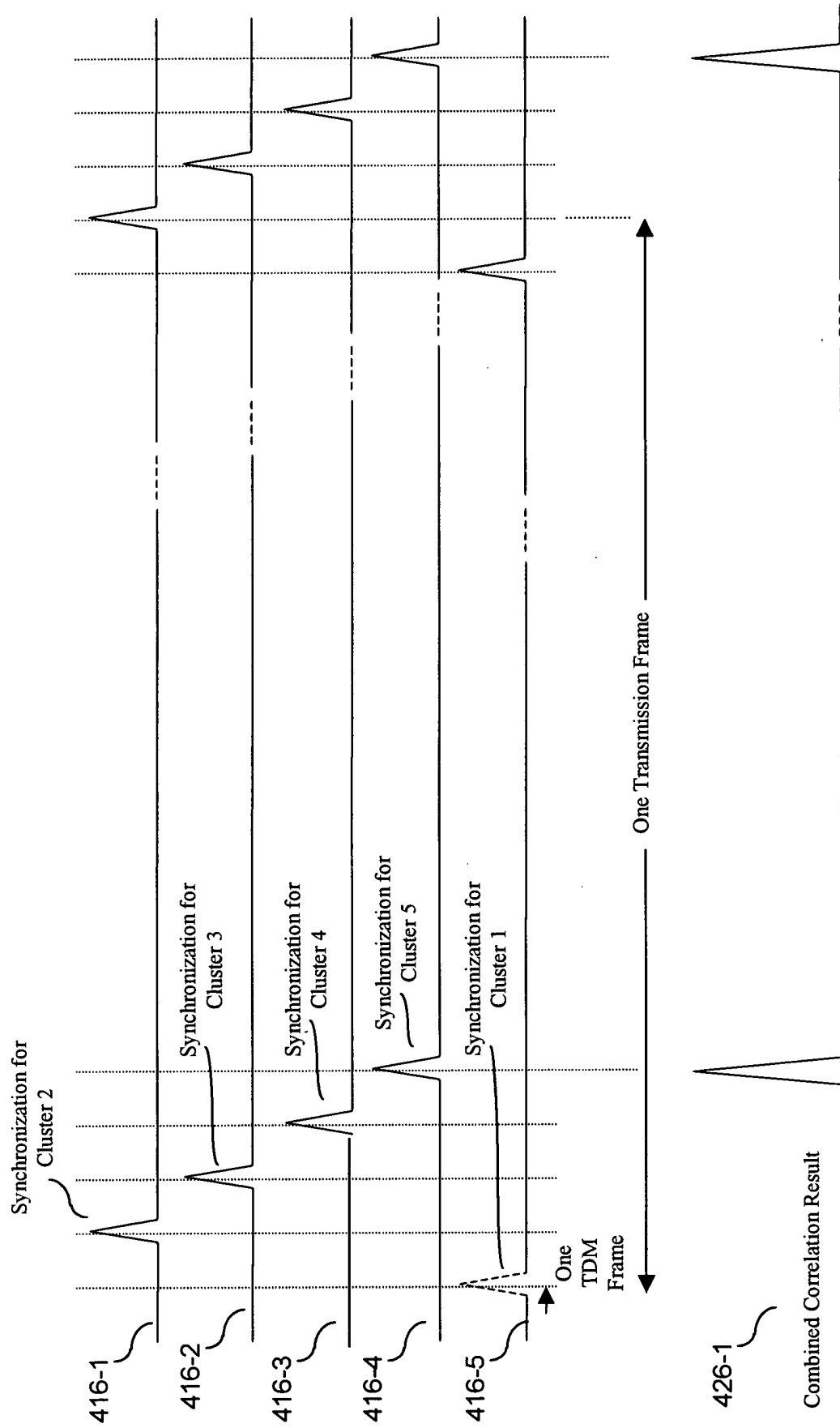


FIG. 16

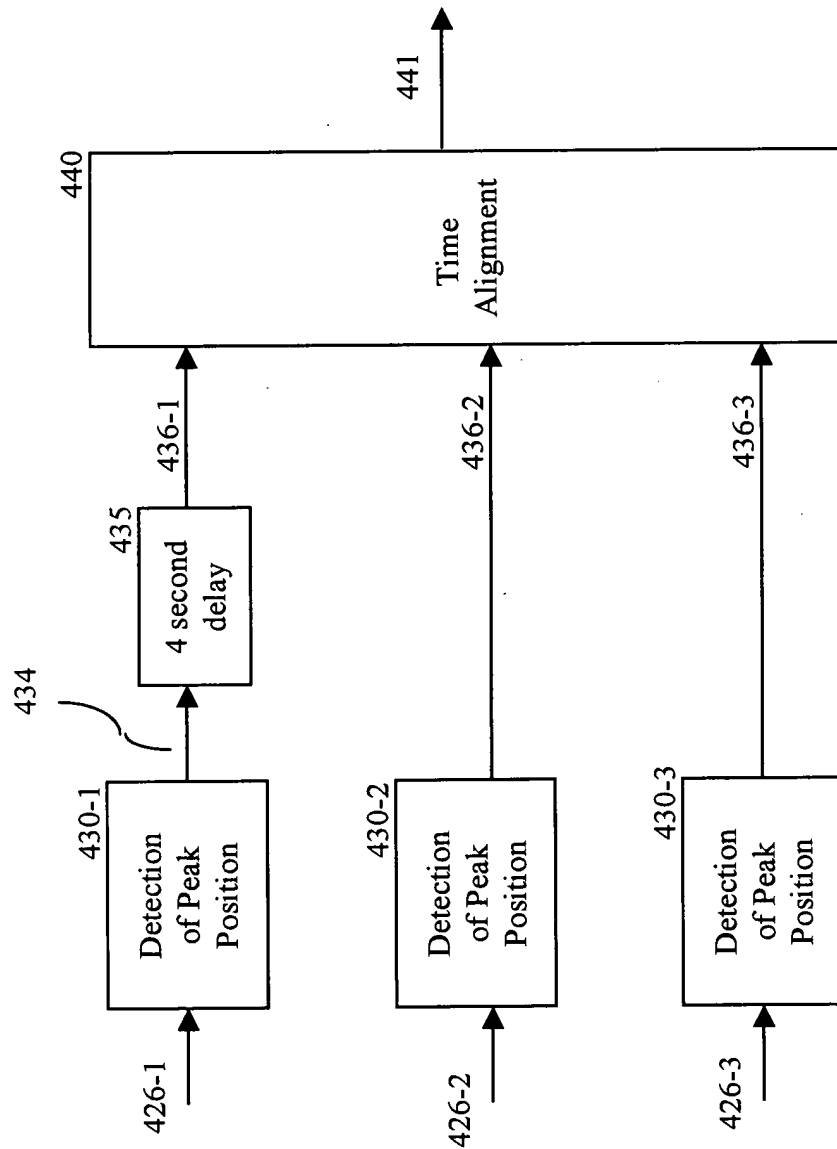
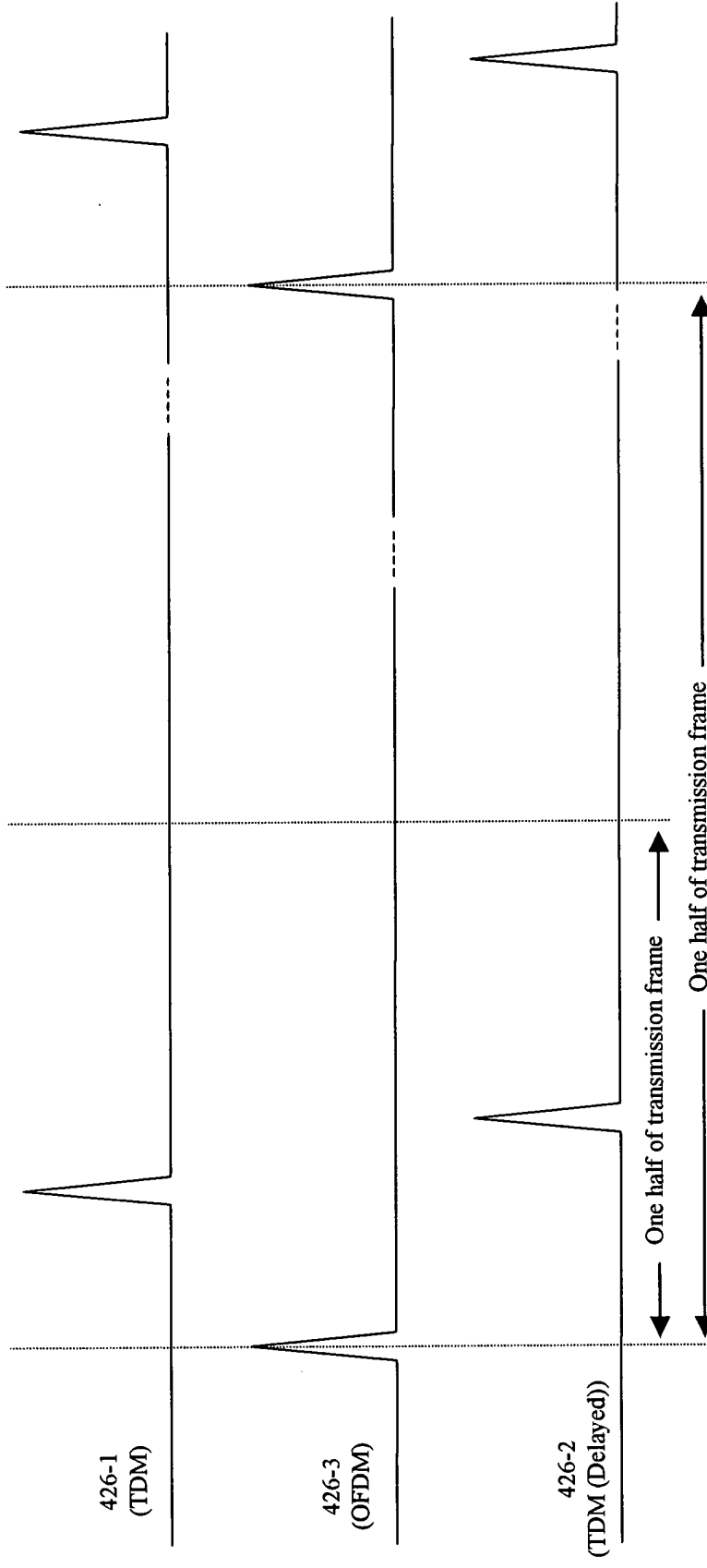
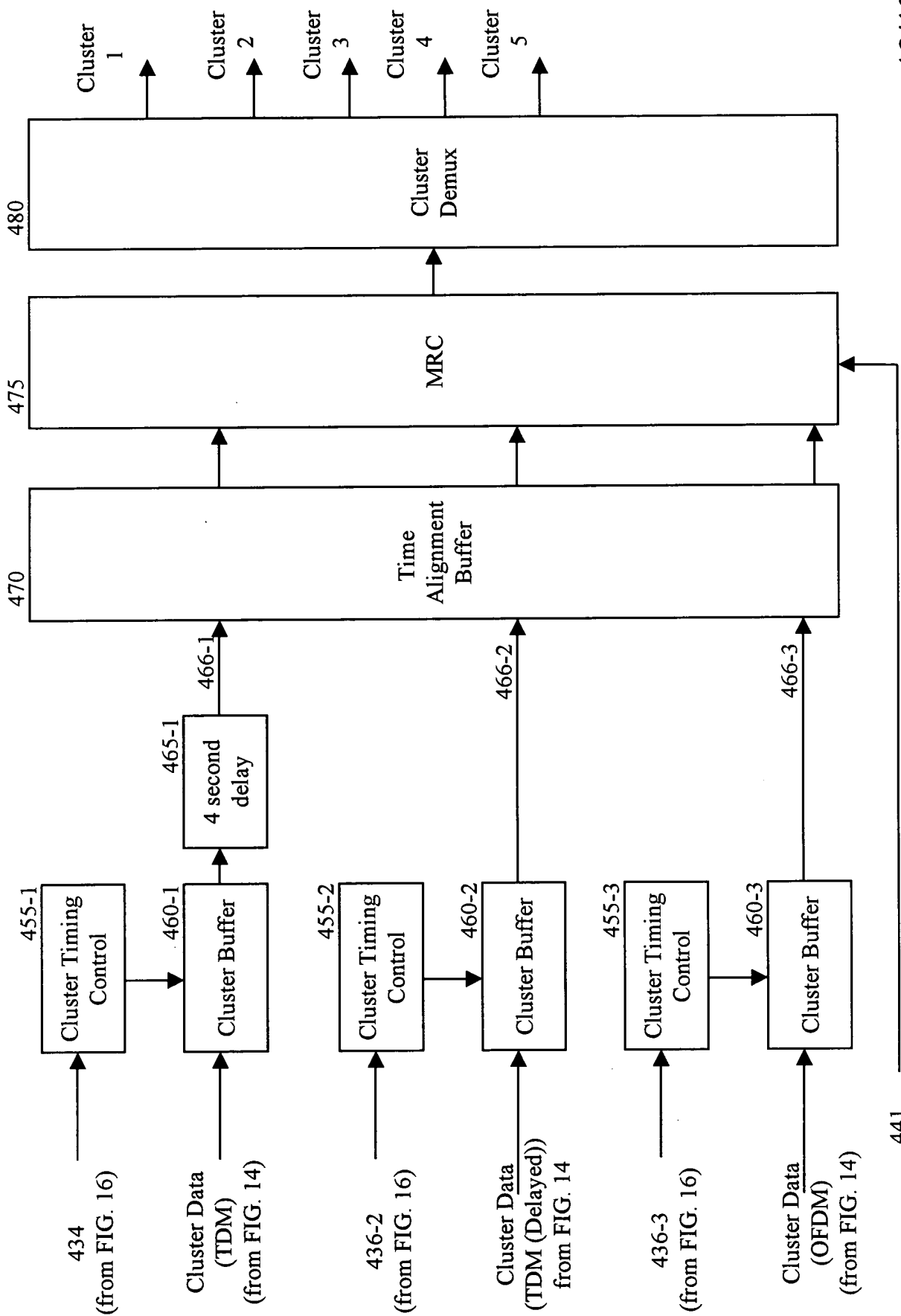


FIG. 17



Note: If differential channel delays are ensure within one half of transmission frame, then cluster synchronization can align three paths in time without ambiguity

FIG. 18



441

340 (from FIG. 16)

FIG. 19

